

From: [PETERSON Jenn L](mailto:PETERSON.Jenn.L)
To: [Burt Shephard/R10/USEPA/US@EPA](mailto:Burt.Shephard/R10/USEPA/US@EPA)
Cc: [Eric Blischke/R10/USEPA/US@EPA](mailto:Eric.Blischke/R10/USEPA/US@EPA); [Chip Humphrey/R10/USEPA/US@EPA](mailto:Chip.Humphrey/R10/USEPA/US@EPA)
Subject: RE: FW: Round 3 Sturgeon FSP Comments
Date: 01/29/2007 11:16 AM

I agree that is the analysis is more important for resident species - esp. those used in the food web model. However, it may be likely we don't get enough information from the dietary analysis to also make good assumptions about dietary composition for the dietary risk analysis. We may have concentration information, but we may also want to use site prey and associated concentrations to conduct the risk assessment. This may have helped to that with more certainty.

-Jennifer

-----Original Message-----

From: Shephard.Burt@epamail.epa.gov
[mailto:Shephard.Burt@epamail.epa.gov]
Sent: Friday, January 26, 2007 3:46 PM
To: PETERSON Jenn L
Cc: Blischke.Eric@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov
Subject: Re: FW: Round 3 Sturgeon FSP Comments

Jen,

I did rule out the nitrogen isotopic analyses for sturgeon, but not for other species that may be collected in the future to support the food web model. We're not doing a FWM for sturgeon, plus we will have empirical data on the gut contents of the sturgeon from our direction to LWG to collect the stomach contents for separate chemical analysis. If we have a direct measure of what the sturgeon are eating, we don't need another way to estimate their trophic level, or that of their prey. My recommendation to Eric (its ultimately the decision of the RPMs, not me) was not to do nitrogen isotopic analysis on sturgeon. I see a use for it on other fish species as part of the RI/EcoRA investigations, just not for sturgeon.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-6359
Fax: (206) 553-0119

e-mail: Shephard.Burt@epa.gov

PETERSON Jenn L
<PETERSON.Jenn@
eq.state.or.us>

01/26/2007 02:30
PM

To
Burt Shephard/R10/USEPA/US@EPA
cc
Subject
FW: Round 3 Sturgeon FSP Comments

Burt, did you decide against the nitrogen stable isotope analysis?

-Jennifer

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Friday, January 26, 2007 2:26 PM
To: Shephard.Burt@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov;
Black.Curt@epamail.epa.gov; Davoli.Dana@epamail.epa.gov; GAINER Tom;
Grepo-Grove.Gina@epamail.epa.gov; jeff.baker@grandronde.org; PETERSON
Jenn L; jeremy_buck@fws.gov; ANDERSON Jim M; Goulet.Joe@epamail.epa.gov;
Smith.Judy@epamail.epa.gov; TOEPEL Kathryn;
Koch.Kristine@epamail.epa.gov; MCCLINCY Matt; howp@critfc.org; POULSEN
Mike; Fuentes.Rene@epamail.epa.gov; Robert.Neely@noaa.gov;
Sheldrake.Sean@epamail.epa.gov; tomd@ctsi.nsn.us;
parker.wittman@eiltld.net; csmith@parametrix.com;
rgensemer@parametrix.com; rose@yakama.com; erin.madden@gmail.com;
Ron.Gouguet@noaa.gov; cinde.donoghue@eiltld.net; jay.field@noaa.gov;
jennifer.arthur@EILTLD.net; chris.thompson@EILTLD.net;
aron.borok@EILTLD.net; Cora.Lori@epamail.epa.gov;

Ader.Mark@epamail.epa.gov; BBarquin@hk-law.com; audiehuber@ctuir.com;
Lisa.Bluelake@grandronde.org; pj.bridgen@eiltld.net
Subject: Fw: Round 3 Sturgeon FSP Comments

FYI

----- Forwarded by Eric Blischke/R10/USEPA/US on 01/26/2007 02:26 PM

Eric Blischke/R10/USE PA/US		To
01/26/2007 09:29 AM	Jim McKenna, Bob Wyatt, Rick Applegate	
	Chip Humphrey/R10/USEPA/US@EPA, kpine@integral-corp.com, thaid@windwardenv.com, voster@anchorenv.com	cc
	Round 3 Sturgeon FSP Comments	Subject

EPA has attached its comments on the revised Round 3 Sturgeon FSP. Key elements of the comments include:

- 1) EPA is directing the LWG to perform the stomach contents analysis.
- 2) EPA is requesting some additional detail on the aging technique to be employed.
- 3) EPA is recommending flexibility in the sampling effort and consultation with EPA.
- 4) EPA is recommending that the LWG work with the Natural Resource Trustees to allow the Trustees to perform liver tissue and blood plasma analysis on the targeted 15 individual sturgeon.

EPA recognizes that it is important to get out in the field as soon as is practicable and is willing to discuss ways to streamline finalization and approval of the Round 3 Sturgeon FSP.

Please contact Chip or myself if you have any questions.

Thanks, Eric

(See attached file: SturgeonFSPComments012607.pdf)
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